



BARTEK Ingredients Inc.

A Taste for Today and Tomorrow

FUMARIC ACID POWDER, USP/NF GRADE – USP/NF compliant

FORMULA: $C_4H_4O_4$

CAS Number: 110-17-8

EINECS Number: 203-743-0

EC Number: 297

DESCRIPTION: White or nearly white crystals, odourless with a tart taste.

SPECIFICATION:

Identification:	Positive for Fumaric Acid
Assay:	99.5 - 100.5%
Maleic Acid:	0.10% max.
Heavy Metals (as Pb):	10 ppm max.
Residue on Ignition:	0.10% max.
Moisture:	0.30% max.
Organic Volatile Impurities:	ND

Particle Size:

On a US mesh screen #80 (180 micron) - 1% max.

PACKAGING: Multi-wall paper bags and/or Super Sacks
Wooden pallet
Shrink-wrap

PRODUCTION SITE: Stoney Creek, Ontario, Canada.

STORAGE: Clean, dry (<75% RH), ambient conditions.

SHELF LIFE: 24 Months from the date of production under recommended storage conditions.

Date Issued: July 15, 2011

Supersedes: November 5, 2009